



# THE HANFORD SITE

## One Hanford Validation – Phase Gate Approach

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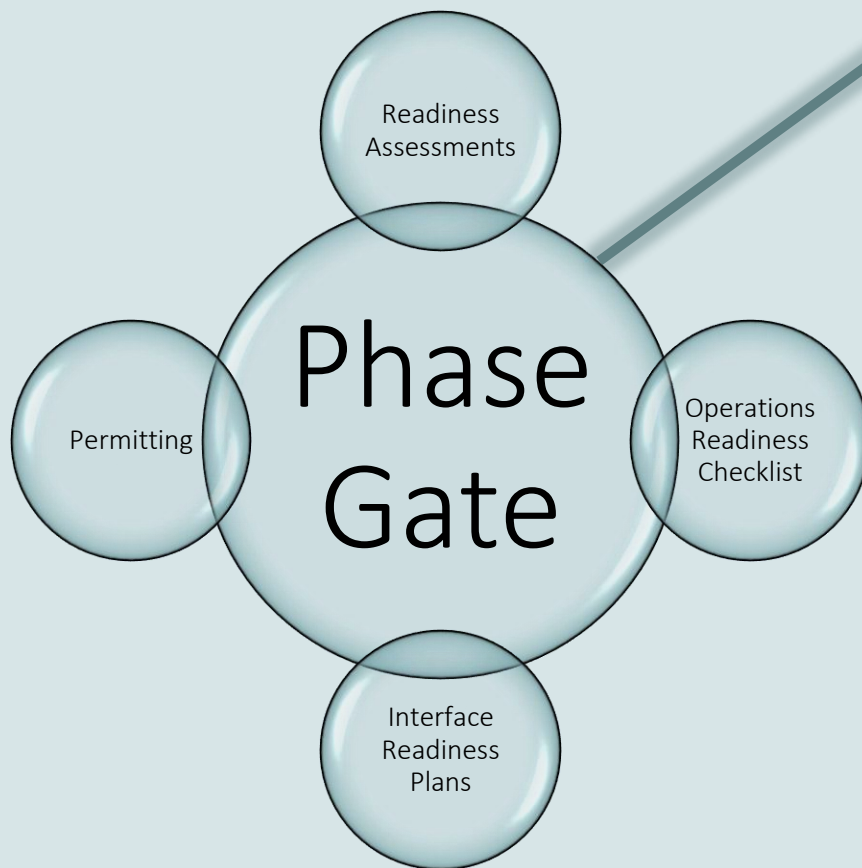
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**Objective of the briefing:** Provide Hanford Advisory Board (HAB) members an overview of the Direct-Feed Low-Activity Waste (DFLAW) support review program.

**What is being briefed?** An overview of the process DOE is using to ensure phases of the program are complete and functioning properly before proceeding to the next phase.

**What do we want from the HAB?** Information only

- The Department divided the project into **phases** accompanied by decision points called **gates**
- Must satisfy prerequisites to pass through gate
- Holistic review of activities to ensure Hanford can support the Direct-Feed Low-Activity Waste (DFLAW) configuration
- Does not replace or duplicate existing readiness processes
- All DOE, Hanford prime contractors, regulators and stakeholders work together toward success



## Additional Focus Areas

- Operational maturity
- Personnel staffing
- 24/7 365 site operations
- Budgets
- Spare parts
- DOE resources and alignment
- Timeliness of activities
- Procedure integration
- Melter operational impacts
- Response to off-normal events and emergency events
- Site hazard changes
- Site services alignment

Phase Gate leverages existing processes and verifies additional activities and processes are maturing to ensure DFLAW is poised to move into operations.

- Thirty days prior to gate date, DFLAW Program manager receives summary report from contractors
- Report is based on both individual contractor self-evaluation and identification of gaps and risk and DOE review
- Recommendation provided to Hanford ORP/RL manager

- ✓ Gate 1 – Preparation for 24/7 Site Operations - Approved July 2021
- Gate 2 – Melter 1 Heatup - Under review, decision expected November 2021
- Gate 3 – Melter 2 Heatup - Kick-off mid-2022
- Gate 4 – Hot Operations - FY23

- Project phases and gates are effective management processes
  - Enhances the integration among contractors
  - Additional opportunities for self-check
  - Enables a comprehensive evaluation of people, plant, and paper
  - Affirms mission need and project approach by both the contractors and the Department